

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW113018\
 Data File : VW007154.D
 Acq On : 30 Nov 2018 20:40
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Quant Time: Nov 30 22:57:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 15:51:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	164955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	161747	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25671	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.16%
7) Chloroethane-d5	2.89	69	19381	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.04%
10) 1,1-Dichloroethene-d2	4.03	63	72616	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.44%
20) 2-Butanone-d5	7.08	46	22557	39.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.38%
24) Chloroform-d	7.65	84	69550	20.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	8.31	65	40962	20.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.92%
29) Benzene-d6	8.27	84	153962	20.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.12%
33) 1,2-Dichloropropane-d6	9.27	67	43635	19.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.28%
37) Toluene-d8	10.33	98	163230	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.32%
38) trans-1,3-Dichloropropene-	10.58	79	22154	20.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	10.93	63	22195	43.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41441	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	61265	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	67991	22.553	ug/L	99
3) Chloromethane	2.21	50	46794	22.223	ug/L	100
5) Vinyl chloride	2.36	62	42143	22.358	ug/L	100
6) Bromomethane	2.77	94	25133	23.242	ug/L	98
8) Chloroethane	2.92	64	22155	21.811	ug/L	93
9) Trichlorofluoromethane	3.26	101	79638	22.550	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	46704	22.410	ug/L	99
12) 1,1-Dichloroethene	4.04	96	41612	22.661	ug/L	90
13) Acetone	4.13	43	18051	45.338	ug/L	99
14) Carbon disulfide	4.39	76	150992	23.234	ug/L	99
15) Methyl Acetate	4.68	43	21947	22.231	ug/L	98
16) Methylene chloride	4.92	84	55408	21.010	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	114431	24.246	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	47022	23.160	ug/L	94
19) 1,1-Dichloroethane	6.22	63	79746	23.745	ug/L	98
21) 2-Butanone	7.17	43	27559	45.090	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	51481	23.712	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	23003	24.350	ug/L	87
25) Chloroform	7.68	83	87922	24.130	ug/L	100
27) 1,2-Dichloroethane	8.40	62	57863	23.938	ug/L	100
30) Cyclohexane	7.96	56	82714	23.462	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	79243	23.660	ug/L	100
32) Carbon tetrachloride	8.07	117	72017	23.691	ug/L	99
34) Benzene	8.32	78	196743	23.473	ug/L	100
35) Trichloroethene	9.09	95	53156	23.391	ug/L	99
36) Methylcyclohexane	9.34	83	98325	23.302	ug/L	98
40) 1,2-Dichloropropane	9.37	63	47969	23.860	ug/L	99
41) Bromodichloromethane	9.65	83	62734	23.834	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	75517	23.650	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	68186	45.834	ug/L	99
44) Toluene	10.39	91	239513	23.849	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	65773	23.445	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	37632	23.769	ug/L	98
47) Tetrachloroethene	10.87	164	46138	23.242	ug/L	95
49) 2-Hexanone	10.97	43	49180	48.836	ug/L	99
50) Dibromochloromethane	11.13	129	47243	24.498	ug/L	100
51) 1,2-Dibromoethane	11.24	107	37930	23.642	ug/L #	97
52) Chlorobenzene	11.66	112	159367	24.070	ug/L	97
53) Ethylbenzene	11.73	91	279946	24.043	ug/L	99
54) m,p-Xylene	11.84	106	108608	23.906	ug/L	97
55) o-xylene	12.17	106	103280	24.514	ug/L	97
56) Styrene	12.18	104	174876	24.545	ug/L	100
57) Isopropylbenzene	12.47	105	279689	23.873	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	49481	24.594	ug/L	91
59) 1,2,3-Trichloropropane	12.77	75	36498	23.213	ug/L	98
62) Bromoform	12.35	173	25550	23.177	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	128669	24.286	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	127639	23.952	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	116293	23.988	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	9445	24.024	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	94531	23.758	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	81117	23.982	ug/L	99
69) Naphthalene	15.37	128	175954	24.431	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	71543	24.239	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

